

Claims

1. Method for setting up a call re-direction for an SIP telephone number of an SIP client in a communication network,
- in which, on entry or dialing respectively of a specific numerical sequence or identifier and the SIP telephone number at a telephone of any given subscriber connection of PSTN switching equipment assigned to the communication network, this numerical sequence is detected in the PSTN switching equipment and evaluated such that,
 - 10 - a first message with the telephone number of the subscriber connection and the SIP telephone number entered is sent from the PSTN switching equipment to a Media Gateway Controller of the communications network and the Media Gateway Controller evaluates this first message such that,
 - 15 - a second message with the transferred telephone number of the subscriber connection and the SIP telephone number is sent by the Media Gateway Controller to an SIP Registrar of the communication network, which stores the telephone number in a Location Service database assigned to it as the new current telephone number for calls to the SIP telephone number and
 - 20 - with calls for the SIP telephone number, the current telephone number from the Location Service database is determined and the call is re-directed to the current telephone number of the subscriber connection of the PSTN exchange.
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2. Method in accordance with claim 1, characterized in that, after a specific numerical sequence/identifier and the SIP telephone number is entered or
- 30 - dialed respectively at the telephone, and after its transfer to the PSTN switching equipment, an authentication of the subscriber is undertaken.

3. Method in accordance with one of the previous claims.
characterized in that,
the first message is an ISUP:IAM message.
4. Method in accordance with one of the previous claims.
5 characterized in that,
the second message is an SIP:REGISTER message.
5. Method in accordance with one of the previous claims.
characterized in that,
on successful entry of the new current telephone number into
10 the Location Service database by the SIP Registrar a
confirmation is sent to the Media Gateway Controller.
6. Method in accordance with claim 5,
characterized in that,
the confirmation is an SIP:200 OK message.
- 15 7. Method in accordance with one of the previous claims.
characterized in that,
the telephone is connected to the PSTN switching equipment via
Voice-over-DSL, Voice-over-Cable or Voice-over-IP Trunking
technology.